

CLAIMS

What is claimed is:

- 5 1. A method for restricting access to a set of
resources in a distributed data processing system, the
method comprising:
 determining a set of authorized resources for which
a user is authorized to access, wherein the set of
10 authorized resources is a subset of the set of resources;
 obtaining state information about the set of
authorized resources;
 evaluating availability of the set of authorized
resources based upon the state information about the set
15 of authorized resources; and
 in response to evaluating availability of the set of
authorized resources, generating a list of a set of
entitled resources for the user, wherein the set of
entitled resources is a subset of the set of authorized
20 resources.
2. The method of claim 1 further comprising:
 sending an indication of the set of entitled
resources to the user.
- 25 3. The method of claim 1 further comprising:
 responding to requests for the user to access the
set of entitled resources.

4. The method of claim 1 further comprising:
preventing the user from accessing resources that
are in the set of authorized resources but that are not
in the set of entitled resources.

5

5. The method of claim 1 further comprising:
considering user attributes of the user while
evaluating availability of the set of authorized
resources.

10

6. The method of claim 1 further comprising:
performing the evaluation of availability of the set
of authorized resources in accordance with a configurable
rule associated with one or more resources in the set of
authorized resources.

15

7. The method of claim 1 further comprising:
gathering state information for the set of resources
using a distributed monitoring application.

20

8. An apparatus for restricting access to a set of resources in a distributed data processing system, the apparatus comprising:

5 means for determining a set of authorized resources for which a user is authorized to access, wherein the set of authorized resources is a subset of the set of resources;

means for obtaining state information about the set of authorized resources;

10 means for evaluating availability of the set of authorized resources based upon the state information about the set of authorized resources; and

means for generating a list of a set of entitled resources for the user in response to evaluating
15 availability of the set of authorized resources, wherein the set of entitled resources is a subset of the set of authorized resources.

9. The apparatus of claim 8 further comprising:

20 means for sending an indication of the set of entitled resources to the user.

10. The apparatus of claim 8 further comprising:

25 means for responding to requests for the user to access the set of entitled resources.

11. The apparatus of claim 8 further comprising:

30 means for preventing the user from accessing resources that are in the set of authorized resources but that are not in the set of entitled resources.

12. The apparatus of claim 8 further comprising:
means for considering user attributes of the user
while evaluating availability of the set of authorized
resources.

5

13. The apparatus of claim 8 further comprising:
means for performing the evaluation of availability
of the set of authorized resources in accordance with a
configurable rule associated with one or more resources
in the set of authorized resources.

10

14. The apparatus of claim 8 further comprising:
means for gathering state information for the set of
resources using a distributed monitoring application.

15

15. A computer program product in a computer readable medium for use in a distributed data processing system for restricting access to a set of resources, the computer program product comprising:

5 means for determining a set of authorized resources for which a user is authorized to access, wherein the set of authorized resources is a subset of the set of resources;

 means for obtaining state information about the set
10 of authorized resources;

 means for evaluating availability of the set of authorized resources based upon the state information about the set of authorized resources; and

 means for generating a list of a set of entitled
15 resources for the user in response to evaluating availability of the set of authorized resources, wherein the set of entitled resources is a subset of the set of authorized resources.

20 16. The computer program product of claim 15 further comprising:

 means for sending an indication of the set of entitled resources to the user.

25 17. The computer program product of claim 15 further comprising:

 means for responding to requests for the user to access the set of entitled resources.

18. The computer program product of claim 15 further comprising:

5 means for preventing the user from accessing resources that are in the set of authorized resources but that are not in the set of entitled resources.

19. The computer program product of claim 15 further comprising:

10 means for considering user attributes of the user while evaluating availability of the set of authorized resources.

20. The computer program product of claim 15 further comprising:

15 means for performing the evaluation of availability of the set of authorized resources in accordance with a configurable rule associated with one or more resources in the set of authorized resources.

20 21. The computer program product of claim 15 further comprising:

means for gathering state information for the set of resources using a distributed monitoring application.